

Abstract

Roller arrangement for embossing web-shaped materials, in particular, web-shaped paper and tissue materials. Said roller arrangement comprises a punch on which a first embossing pattern encompassing a plurality of spaced-apart elevations is arranged, and a matrix on which a second embossing pattern, encompassing a plurality of spaced-apart elevations, is arranged. The elevations on the first embossing pattern can be lowered into free spaces on the second embossing pattern. The inventive roller arrangement is characterized by the fact that the elevations on the embossing pattern of the punch or the matrix are positioned in rows that are spaced apart in the circumferential direction while at least one cleaning roller is provided which comprises cleaning elements arranged in the circumferential direction that run between the rows of elevations on the embossing pattern of the punch or the matrix.